

Patent Abstracts of Japan

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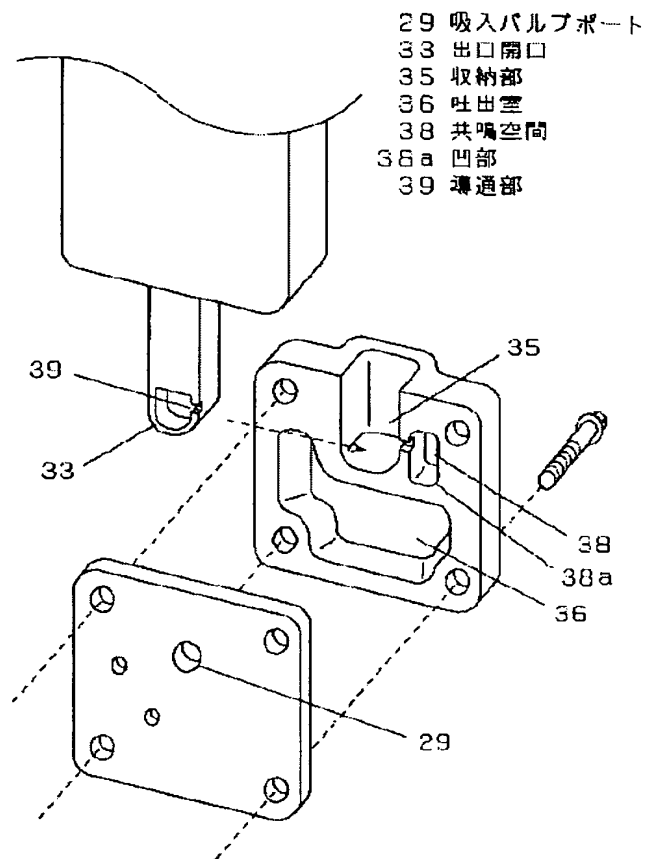
APPLICATION DATE : 17-10-01
APPLICATION NUMBER : 2001319023

APPLICANT : MATSUSHITA REFRIG CO LTD;

INVENTOR : SUMIYA MASAHIRO;

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TITLE : HERMETIC COMPRESSOR



ABSTRACT : PROBLEM TO BE SOLVED: To provide a quiet compressor capable of more effectively damped resonance sound in a compression chamber and an inlet pressure pulsation generated in an inlet valve, as for a hermetic compressor used for the refrigerating cycle of a refrigerator and the like.

SOLUTION: Noise can be more effectively damped than the noise reducing function of an intake muffler 31 by providing a resonance space 38 in the vicinity of an inlet valve port 29 positioned closer to a noise generating source. In addition, in regard to amplification of the noise with a specific frequency caused by acoustic characteristics of the intake muffler 31, the noise with the frequency can be damped before it is amplified.

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